Call for Papers - CARLA 2014
http://carla2014.hpclatam.org/
Latin America High Performance Computing Conference
First HPCLATAM – CLCAR Joint Conference
Organized by CCTVal (USM) & NLHPC (UCHILE)
20-22 October 2014, Valparaíso, Chile

IMPORTANT DATES

Paper submission deadline: 1 June 2014

Notification of acceptance: 15 August 2014

Camera-ready papers due: 15 September 2014

Conference dates: 20 - 22 October 2014

AIMS & SCOPE

Building on the success of the previous editions of the **HPCLATAM** and the **CLCAR** Conferences, in 2014 both major HPC Latin-American workshops will joint in **CARLA 2014** (Computación de Alto Rendimiento Latinoamérica), to be held in Valparaíso Chile. This conference also includes the **Third High Performance Computing School-ECAR 2014** (from 13-17 October, 2014).

The main goal of the CARLA 2014 conference is to provide a regional forum fostering the growth of the HPC community in Latin America through the exchange and dissemination of new ideas, techniques, and research in HPC. The conference will feature invited talks from academy and industry, short- and full-paper sessions presenting both mature work and new ideas in research and industrial applications. Suggested topics of interest include, but are not restricted to:

- Parallel Algorithms and Techniques
- GPU Computing Applications
- Distributed, Grid, and Cloud Computing
- High Performance Computing Applications, Visualizations and Software Tools
- Component Technologies, Tools and Environments for High Performance System Engineering

INSTRUCTIONS FOR AUTHORS

Authors are invited to submit full papers (up to 12 pages) or short papers (up to 04 pages) written in English according to Springer LNCS style (guidelines available at: http://www.springer.de/comp/lncs/authors.html). Papers must not have been previously published or submitted elsewhere. Submissions will be handled electronically using Easy Chair system: http://www.easychair.org/account/signin.cgi?conf=carla2014. The authors of accepted papers must guarantee that their paper will be presented at the conference. All paper submissions will be carefully reviewed by at least two experts and returned to the author(s). All accepted papers will appear in the CARLA 2014 proceedings. In addition, authors of the best papers submitted to the workshop will be invited to submit their extended versions to a special issue in an ISI journal.